EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---------------------------|---------------------|---------|---------------------|
| S1 | 367 | (74/473.21).ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/29 06:57 |
| S2 | 42 | (74/473.27).ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/29 13:05 |
| S3 | 113 | (74/473.28).ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/29 15:40 |
| S4 | 176 | (74/473.36).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 07:28 |
| S5 | 1672 | (74/527).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 08:07 |
| S6 | 193 | (74/530).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 08:07 |
| S7 | 360 | (74/532).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 08:18 |
| S8 | 333 | ("2923859" "2401741" "2955483" "3181300" "3315959" "3818012" "3811244" "3921955" "3943792" "4074100" "4081643" "4132128" "4222474" "4245137" "4267766" "4575592" "4622861" "4575592" "4622861" "5052883" "5189924" "5261290" "5537555"), PN. OR ("5537892"), URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 08:51 |
| S9 | 68823 | (shaft OR selector OR rod) AND (axial\$4 AND rotat\$4) AND cylinder AND (spring OR bias\$4) AND groove | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 10:30 |
| S10 | 1066 | (shaft OR selector OR rod) AND (axial\$4 AND rotat\$4) AND (spring OR bias\$4) AND cylinder NEAR groove | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 10:32 |

| S11 | 199 | (shaft OR selector OR rod) AND (axial\$4 AND rotat\$4) AND (spring OR bias\$4) AND cylinder NEAR groove AND transmission | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 10:32 |
|-----|-------|--|--|----|----|---------------------|
| S12 | 150 | ((shaft OR selector OR rod) SAME (axial\$4 AND rotat\$4)) AND (spring OR bias\$4) AND (cylinder NEAR groove) AND transmission | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 10:34 |
| S13 | 1 | ((shaft OR selector OR rod) SAME (axial\$4 AND rotat\$4)) AND (spring OR bias\$4) AND (cylinder NEAR groove) AND transmission | EPO; JPO; DERWENT | OR | ON | 2007/12/03 10:39 |
| S14 | 2 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND (spring OR bias\$4) AND (cylinder NEAR groove) AND transmission | EPO; JPO; DERWENT | OR | ON | 2007/12/03 |
| S15 | 274 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND (spring OR bias\$4) AND (cylinder NEAR groove) AND transmission | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 10:42 |
| S16 | 7 | (((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND (spring OR bias\$4) AND (cylinder NEAR groove) AND transmission).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 10:52 |
| S17 | 12000 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove) AND transmission | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 10:58 |
| S18 | 66 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove) AND transmission AND shifting.ti. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 10:59 |

| S19 | 174 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove) AND transmission AND shift \$3.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 11:02 |
|-----|-------|---|--|----|----|---------------------|
| S20 | 67 | (((shaft OR selector OR rod) SAME (axial\$4 WITH rotat\$4)) AND spring AND (cylinder SAME groove) AND transmission AND shift \$3.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 11:07 |
| S21 | 8 | ("20010015109" "4856360" "5094115" "6105448" "6230576" "6249734" "6499371" "6564133").FN. OR ("7107869").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 11:15 |
| S22 | 6 | ("4310081" "5649452" "6170353" "6321612").PN. OR ("6588294").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 11:23 |
| S23 | 9 | ("4544212" "4705491").PN. OR ("5140866").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 11:29 |
| S24 | 5 | ("1231655" "1632123" "20050261103").PN. OR ("7131928").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 11:55 |
| S25 | 6 | ("4848005").PN. OR ("5845538").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/03 12:06 |
| S26 | 0 | (74/473).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 12:47 |
| S27 | 82 | (74/473.37).ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/03 12:47 |
| S28 | 57829 | ((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove) | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 13:20 |
| S29 | 925 | (((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 13:21 |

| S30 | 48 | (((shaft OR selector OR rod) SAME (axial\$4 OR rotat\$4)) AND spring AND (cylinder SAME groove)).clm. AND transmission.ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/03 13:22 |
|-----|----|--|--|----|----|---------------------|
| S31 | 1 | "19653171" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2007/12/07 09:47 |
| S32 | 4 | "10016364" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2007/12/07 09:48 |
| 833 | 48 | (US-20070144295-\$ or US-20060081085-\$ or US-20060001695-\$ or US-20060005655-\$ or US-20040020321-\$ or US-20040020321-\$ or US-2004012163-\$ or US-20040112163-\$ or US-20050109147-\$ or US-6588294-\$ or US-6588294-\$ or US-658238-\$ or US-658238-\$ or US-456335-\$ or US-456335-\$ or US-456337-\$ or US-456337-\$ or US-456337-\$ or US-456337-\$ or US-4569247-\$ or US-4593859-\$ or US-4575165-\$ or US-477488-\$ or US-477488-\$ or US-477488-\$ or US-5775165-\$ or US-57 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2008/05/19 |

| | *************************************** | 4807489-\$ or US- 4442392-\$ or US- 4078449-\$ or US- 2909940-\$).did. or (DE- 10016364-\$).did. or (EP- 849506-\$).did. | *************************************** | *************************************** | *************************************** | |
|-------------|---|--|---|---|---|---------------------|
| S34 | 22 | S33 AND (groove OR rut) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 15:29 |
| S35 | 7 | \$33 AND (groove OR rut) AND cylind\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 15:43 |
| S3 6 | 15 | \$33 AND (groove OR rut) AND cylind\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 15:43 |
| \$37 | 385 | (74/473.26).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 12:28 |
| S38 | 70467 | shift\$4 AND transmiss \$4 AND rotat\$4 AND axial\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 12:59 |
| S3 9 | 18369 | \$38 AND (arm OR rod OR device OR lever) AND spring AND cylind \$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 13:01 |
| S40 | 14518 | S38 AND (arm OR rod OR device OR lever) AND spring AND cylind \$4 AND (groove OR rut OR slot OR gutter OR channel OR indent\$6) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 13:02 |

| S41 | 8006 | S38 AND (arm OR rod OR device OR lever) AND spring AND cylind \$4 SAME (groove OR rut OR slot OR gutter OR channel OR indent \$6) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 |
|-------------|------|---|---|----|----|---------------------|
| S42 | 6910 | S38 AND ((arm OR rod OR device OR lever) SAME spring) AND (cylind\$4 SAME (groove OR rut OR slot OR gutter OR channel OR indent\$6)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/04 13:04 |
| S 43 | 566 | \$38 AND ((arm OR rod OR device OR lever) SAME spring) AND (cylind\$4 SAME (groove OR rut OR slot OR gutter OR channel OR indent\$6)) | US-PGPUB | OR | ON | 2008/09/04 13:05 |
| S44 | 239 | S38 AND ((arm OR rod OR device OR lever) SAME spring) AND (cylind\$4 NEAR10 (groove OR rut OR slot OR gutter OR channel OR indent\$6)) | US-PGPUB | OR | ON | 2008/09/04 13:07 |
| S45 | 11 | (shift\$4 AND transmiss \$4 AND rotat\$4 AND axial\$4 AND (arm OR rod OR device OR lever) SAME spring) AND (cylind\$4 NEAR10 (groove OR rut OR slot OR gutter OR channel OR indent\$6))).clm. | US-PGPUB | OR | ON | 2008/09/04 13:15 |

^{9/4/2008 1:20:55} PM

C:\Documents and Settings\dfields1\My Documents\EAST\Workspaces\10-517994 Shifting Device Having Shift Recognition Feature.wsp